

Preliminary Amendment

Applicant: Martin Brox

Serial No.: Unknown

(Priority Application No. DE 103 50 239.4)
(International Application No. PCT/DE2004/053051)

Filed: Herewith

(Priority Date: 30 December 2003)
(International Filing Date: 23 November 2004)

Docket No.: I438.122.101/IF02P045WOUS/JE

Title: VOLTAGE REGULATION SYSTEM

IN THE CLAIMS

Please cancel claims 1-9 without prejudice.

Please add claims 10-29 as follows:

Patent Claims WHAT IS CLAIMED IS:

- 1-9 (Cancelled)
10. (New) A voltage regulation system comprising:
an input of the voltage regulating system being presented with a first voltage;
an output of the voltage regulation system having the first voltage changed into a second voltage, which is available to be tapped at the output;
a first device for generating an essentially constant voltage from the first voltage, or a voltage derived from it; and
a further device for generating a further voltage from the first voltage or a voltage derived from it.
11. (New) The voltage regulation system of claim 10, wherein the further voltage generated by the further device can be higher than the voltage generated by the first device.
12. (New) The voltage regulation system of claim 10, wherein the further voltage generated by the further device is proportional to the first voltage or the voltage derived from it.
13. (New) The voltage regulation system of claim 12, wherein the further device comprises a voltage divider circuit.
14. (New) The voltage regulation system of claim 12, wherein the voltage generated by the first device or a voltage derived from it, and the further voltage generated by the further device, or a voltage derived from it, can be used for controlling a voltage regulation circuit device.
15. (New) The voltage regulation system of claim 14, wherein the voltage generated by

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the first device or a voltage derived from it, and the further voltage generated by the further device, or a voltage derived from it, can be used as a reference voltage for the voltage regulation circuit device.

16. (New) The voltage regulation system of claim 12, further comprising a device for activating and/or deactivating the further device to an activated and/or deactivated state.

17. (New) The voltage regulation system of claim 16, wherein, in the activated state of the further device, the height of the level of the reference voltage used for the voltage regulation circuit device is determined by whichever of the voltages generated by the first and further device, or the voltages derived from them, exhibits the higher level.

18. (New) The voltage regulation system of claim 16, wherein, in the deactivated state of the further device, the height of the level of the reference voltage used for the voltage regulation system circuit device is determined by the voltage generated by the first device or the voltage derived from it.

19. (New) A method for the regulation of voltage comprising:
changing a first voltage into a second voltage, wherein the second voltage exhibits a lower voltage level than the first voltage;

generating an essentially constant voltage from the first voltage, or a voltage derived from it; and

generating a further voltage from the first voltage or a voltage derived from it, wherein the further voltage can be higher than the constant voltage generated from the first voltage or the voltage derived from it.

20. (New) The method of claim 19, further comprising generating the further voltage such that it is proportional to the first voltage or the voltage derived from it.

21. (New) A voltage regulation system comprising:
an input having a first voltage;
an output having a second voltage;

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a first device for generating an essentially constant voltage from the first voltage; and means for generating a further voltage from the first voltage.

22. (New) The voltage regulation system of claim 21, wherein the further voltage generated can be higher than the voltage generated by the first device.

23. (New) The voltage regulation system of claim 21, wherein the further voltage generated is proportional to the first voltage.

24. (New) The voltage regulation system of claim 21, further comprising a voltage divider circuit.

25. (New) The voltage regulation system of claim 21, wherein the voltage generated by the first device and the further voltage generated can be used for controlling a voltage regulation circuit device.

26. (New) The voltage regulation system of claim 21, wherein the voltage generated by the first device and the further voltage generated can be used as a reference voltage for the voltage regulation circuit device.

27. (New) The voltage regulation system of claim 21, further comprising a further device for generating the further voltage from the first voltage and further comprising a device for activating and/or deactivating the further device to an activated and/or deactivated state.

28. (New) The voltage regulation system of claim 27, wherein, in the activated state of the further device, the height of the level of the reference voltage used for the voltage regulation circuit device is determined by whichever of the voltages generated by the first and further device exhibits the higher level.

29. (New) The voltage regulation system of claim 27, wherein, in the deactivated state of the further device, the height of the level of the reference voltage used for the voltage regulation system circuit device is determined by the voltage generated by the first device or

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the voltage derived from it.